Title (en)

SPARSED U-TDOA WIRELESS LOCATION NETWORKS

Title (de)

VERSTREUTE DRAHTLOSE LOKALE U-TDOA-NETZWERKE

Title (fr)

RÉSEAUX DE LOCALISATION SANS FIL ÉPARS À PARTIR D'UNE DIFFÉRENCE DE TEMPS D'ARRIVÉE EN LIAISON MONTANTE

Publication

EP 2145488 A4 20140730 (EN)

Application

EP 08746024 A 20080416

Priority

- US 2008060528 W 20080416
- US 73690207 A 20070418

Abstract (en)

[origin: US2008261612A1] In an overlay, U-TDOA-based, Wireless Location System, LMUs typically co-located with BTSs, are used to collect radio signaling both in the forward and reverse channels. Techniques are used to compensate for sparse LMU deployments where sections of the U-TDOA service area are uplink demodulation or downlink beacon discovery limited.

IPC 8 full level

H04W 16/18 (2009.01); **H04W 16/00** (2009.01); H04W 24/02 (2009.01); H04W 64/00 (2009.01)

CPC (source: EP GB KR US)

H04B 7/2678 (2013.01 - GB); **H04W 16/00** (2013.01 - GB); **H04W 16/18** (2013.01 - EP GB KR US); **H04W 24/00** (2013.01 - GB); **H04W 24/02** (2013.01 - GB); **H04W 64/00** (2013.01 - GB KR); H04W 24/02 (2013.01 - EP US); H04W 64/00 (2013.01 - EP US)

Citation (search report)

- [I] US 2002009992 A1 20020124 - JENSEN ERIC [US]
- [A] EP 1718091 A1 20061102 - AGILENT TECHNOLOGIES INC [US]
- [A] US 7167713 B2 20070123 - ANDERSON ROBERT J [US]
- [A] REED J H ET AL: "AN OVERVIEW OF THE CHALLENGES AND PROGRESS IN MEETING THE E-911 REQUIREMENT FOR LOCATION SERVICE", IEEE COMMUNICATIONS MAGAZINE, IEEE SERVICE CENTER, PISCATAWAY, US, vol. 36, no. 4, 1 April 1998 (1998-04-01), pages 30 - 37, XP000752568, ISSN: 0163-6804, DOI: 10.1109/35.667410
- See also references of WO 2008131036A1

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DOCDB simple family (publication)

US 2008261612 A1 20081023; **US 8242959 B2 20120814**; AU 2008242924 A1 20081030; AU 2008242924 B2 20110421; BR PI0810453 A2 20141111; CA 2684251 A1 20081030; CA 2684251 C 20130716; CN 101690298 A 20100331; CN 101690298 B 20130710; EP 2145488 A1 20100120; EP 2145488 A4 20140730; GB 0918241 D0 20091202; GB 2460612 A 20091209; GB 2460612 B 20110928; IL 201554 A0 20100531; IL 201554 A 20131128; JP 2010525673 A 20100722; JP 5254313 B2 20130807; KR 101442033 B1 20140918; KR 20100017121 A 20100216; MX 2009011160 A 20091030; WO 2008131036 A1 20081030

DOCDB simple family (application)

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